



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/815,708

04/02/2004

Jea Yong Yoo

46500-000595/US

9728

30593 7590 07/23/2010
HARNESS, DICKEY & PIERCE, P.L.C.
P.O. BOX 8910
RESTON, VA 20195

EXAMINER

CHOWDHURY, NIGAR

ART UNIT

PAPER NUMBER

2621

MAIL DATE

DELIVERY MODE

07/23/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/815,708	Applicant(s) YOO ET AL.	
	Examiner NIGAR CHOWDHURY	Art Unit 2621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 July 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,6,7,13,17,29,34-39 and 42-50 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,6,7,13,17,29,34-39 and 42-50 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>11/19/09, 4/6/10</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claims 1, 6-7, 13, 17, 29, 34-39, 42 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1, 6-7, 13, 17, 29, 34-39, 42 are rejected under 35 U.S.C. 102(e) as being anticipated by US 2007/0140653.
2. Regarding **claim 1**, a recording medium having a data structure for managing reproduction of video data, the data structure comprising:
 - a stream file including source packets of the video data (fig. 11, 16, 34, paragraph 0130-0135); and
 - navigation information for managing reproduction of the video data, the navigation information including,

- a clip information file associated with the stream file, the clip information file including timing information mapping a presentation time stamp to the source packets (fig. 11, 16, 34, paragraph 0130-0135),
- a playlist file including at least one playitem identifying a playing interval in a clip of the video data (fig. 11, 16, 34, paragraph 0130-0135), and
- a movie object pointing to the playlist list file, the movie object including a resume flag indicating whether resumption of reproduction of a the video data at a suspended position is permitted or prohibited (fig. 11, 16, 34, paragraph 0130-0135).

3. Regarding **claim 6**, the recording medium wherein movie object further includes commands to conduct operations according to value of the resume flag (fig. 11, 16, 34, paragraph 0130-0135).

4. Regarding **claim 7**, the recording medium wherein the resume flag is applied when menu presentation is called during reproduction of the video data (fig. 11, 16, 34, paragraph 0130-0135).

5. **Claim 13** is rejected for the same reason as discussed in the corresponding claim 1 above.

Art Unit: 2621

6. **Claim 17** is rejected for the same reason as discussed in the corresponding claim 1 above.

7. Regarding **claim 29**, the recording medium wherein the movie object is discarded when the resumption is prohibited (fig. 11, 16, 34, paragraph 0130-0135).

8. Regarding **claim 34**, the recording medium wherein the movie object is suspended and maintained when the resumption is permitted (fig. 11, 16, 34, paragraph 0130-0135).

9. **Claim 35** is rejected for the same reason as discussed in the corresponding claim 1 above.

10. Regarding **claim 36**, the method further comprising: storing current reproduction location of the video data, based on value of the resume flag (fig. 11, 16, 34, paragraph 0130-0135).

11. Regarding **claim 37**, the method further comprising: resuming reproduction of the video data from the stored reproduction location after presenting a menu (fig. 11, 16, 34, paragraph 0130-0135, see abstract).

Art Unit: 2621

12. **Claim 38** is rejected for the same reason as discussed in the corresponding claim 1 above.

13. Regarding **claim 39**, the apparatus wherein the controller controls the reproducing unit to store current reproduction location of the video data, based on value of the resume flag (fig. 11, 16, 34, paragraph 0130-0135).

14. Regarding **claim 42**, the method further comprising: discarding the movie object if the resumption is prohibited (fig. 11, 16, 34, paragraph 0130-0135).

15. Regarding **claim 43**, the method wherein the movie object further includes commands to conduct operations according to value of the resume flag (fig. 11, 16, 34, paragraph 0130-0135).

16. Regarding **claim 44**, the method wherein the resume flag is applied when menu presentation is called during reproduction of the video data (fig. 11, 16, 34, paragraph 0130-0135).

17. Regarding **claim 45**, the apparatus wherein the movie object further includes commands to conduct operations according to value of the resume flag (fig. 11, 16, 34, paragraph 0130-0135).

Art Unit: 2621

18. Regarding **claim 46**, the apparatus wherein the resume flag is applied when menu presentation is called during reproduction of the video data (fig. 11, 16, 34, paragraph 0130-0135).

19. Regarding **claim 47**, the method wherein the movie object further includes commands to conduct operations according to value of the resume flag (fig. 11, 16, 34, paragraph 0130-0135).

20. Regarding **claim 48**, the method wherein the resume flag is applied when menu presentation is called during reproduction of the video data (fig. 11, 16, 34, paragraph 0130-0135).

21. Regarding **claim 49**, the apparatus wherein the movie object further includes commands to conduct operations according to value of the resume flag (fig. 11, 16, 34, paragraph 0130-0135).

22. Regarding **claim 50**, the apparatus wherein the resume flag is applied when menu presentation is called during reproduction of the video data (fig. 11, 16, 34, paragraph 0130-0135).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a) US 7,725,919

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NIGAR CHOWDHURY whose telephone number is (571)272-8890. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/815,708

Page 8

Art Unit: 2621

/JAMIE JO ATALA/

Primary Examiner, Art Unit 2621